

INTERNATIONAL SEARCH REPORT

International Application No
P 03/05262

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16C32/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 719 405 A (KOIKE H ET AL) 6 March 1973 (1973-03-06) column 2, line 4 - column 4, line 26; figures 1-6	1-10
A	US 6 164 827 A (EITZENBERGER HANS) 26 December 2000 (2000-12-26) column 8, line 51 - column 12, line 34; figures 1-4	1-10
A	WO 02/12742 A (NIPPON STEEL CORP ; MUKAI TOSHIO (JP); TANAKA KEIICHI (JP); NIPPON KOG) 14 February 2002 (2002-02-14) page 4, line 26 - page 13, line 9; claims 1-5; figure 1	1-10
A	US 5 800 066 A (HAYASHI TAKASHI) 1 September 1998 (1998-09-01) column 3, line 41 - line 60; figures 4-7	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

26 March 2004

Date of mailing of the International search report

13/04/2004

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 3719405	A	06-03-1973	JP GB	48033296 B 1280283 A		13-10-1973 05-07-1972
US 6164827	A	26-12-2000	DE	19918564 A1		11-11-1999
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US 5800066	A	01-09-1998	JP	9296825 A		18-11-1997